Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 18 Mar 2023 until 23:59 on Sunday 19 Mar 2023

Forecast Issued on Saturday 18 Mar 2023 at 04:12

Confidence: High for showery conditions today then dry and settled weather for daytime on Sunday. Turning more unsettled again from Sunday evening onwards but some uncertainty in track and timings of weather fronts.

Headline for Saturday 18 Mar 2023: Low cloud and patchy light rain then bright spells and scattered heavy showers developing. Light winds.

Mountain weather hazards on Saturday 18 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Light rain showers	Heavy rain showers	Heavy rain showers	Partly cloudy (night)
Precipitation probability					
40%	30%	40%	60%	40%	20%

Forecast for Saturday 18 Mar 2023

Weather: Cloudy and misty at first this morning with areas of low cloud and outbreaks of light rain. Then bright or sunny spells gradually develop, along with scattered showers. This afternoon some showers will become heavy, possibly with hail and thunder, before dying away this evening. Then outbreaks of light rain will spread east later this evening.

Chance of cloud-free hill tops above 600m: 40% at first and late this evening, becoming 80% by early afternoon.

Low cloud and visibility: Areas of low cloud above 600m at first. Cloud gradually lifting this morning with good visibility by this afternoon, but visibility dropping to a few km in rain or showers at any time. Cloud becoming persistent again above 600m this evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 18 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 S	9/11 S	6/8 SW	6/10 W	8/12 W	13/17 W	17/23 W
300	9/16 S	7/10 S	5/7 SW	5/7 S	6/11 W	9/13 W	14/20 NW
Valley	4/14 S	3/8 S	3/6 SW	4/8 W	5/11 NW	7/14 W	10/21 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	7/4	7/5	8/6	7/4	6/2	3/-2
300	8/6	9/7	9/8	10/9	9/8	7/5	5/1
Valley	9/8	10/9	10/10	11/10	10/9	8/6	6/3
Freezing Level*	1600m	1600m	1600m	1600m	1600m	1500m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very mild and rather humid feeling day with valley temperatures reaching 13 to 15 Celsius in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 18 Mar 2023	1.2mm	6.4mm	18.2mm

Forecast for Sunday 19 Mar 2023

Weather: Outbreaks of light rain clearing overnight then clear spells with a touch of frost in some valleys. A dry day will follow with sunny spells and light winds giving good hill walking conditions. Turning cloudy from the west during the late afternoon and evening, then outbreaks of rain may reach the Peak District by late evening.

Maximum wind: West or Northwest 15mph gusts 25mph early in morning, easing to 10-15mph.

Chance of cloud-free hill tops above 600m: 40% quickly becoming 90% but decreasing 40% again in the evening.

Low cloud and visibility: Areas of cloud around 600m at first will soon clear to leave excellent visibility across all hills with any cloud staying above the summits.

Temperature: **Valleys:** Plus 2C rising to 9 or 10C.
At 600m: Plus 1C rising to 4 or 5C.
Freezing level: Above summits.

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